ASWM Pipeline Permitting Resources

November 7, 2018
3:00 pm – 5:00 pm Eastern

Presented by

• Brenda Zollitsch
  Association of State Wetland Managers
ASWM Pipeline Permitting Project

Five Project Focus Areas

1. Barriers and Solutions

2. Best Management Practices

3. Pipeline Permitting Process Maps

4. Cumulative Adverse Effects

5. Working with Consultants

Funded by:
- EPA Wetland Program Development Grant
- Switzer Foundation Innovation Grant
- McKnight Foundation
ASWM’s Web-based Pipeline Permitting Resources

Improving State and Tribal Permitting of Pipeline Projects in the United States

Overview

The potential for multiple impacts (temporary, long-term and cumulative) from pipeline development projects necessitates extensive inter-agency and inter-sector coordination and the integration of best practices in the planning, administration, review and conditioning of permits.

ASWM has developed a range of tools and resources to build the capacity of state and tribal wetland programs to protect aquatic resources impacted by energy development through more informed and effective engagement in both the pre-application and §401 Certification phases of the permitting process.

Resources for States and Tribes

ASWM has developed a set of resources to assist states and tribes build their capacity to review natural gas and oil pipeline permits. These resources focus on the pre-application phase and the §401 Certification Process.

Resources for Pipeline Project Consultants/Energy Companies

ASWM has developed a set of resources that may help facilitate better communication between consultants who serve as intermediaries to energy companies and state/tribal regulators.

Resources for Others Interested in Pipeline Permitting

ASWM has developed a range of resources that may be of interest to other entities, including nonprofits, businesses, academia and other government entities.

Support the Association of State Wetland Managers while searching or shopping online

Project Contributors: ASWM’s resources have been designed in collaboration with partners and a national project workgroup to help states and tribes improve the planning and review processes associated with permitting natural gas and oil pipelines in the United States.

Project Funding: Funding for the development of these resources was provided by an EPA Wetland Program Development Grant, a Network Innovation Grant from the Richard and Patricia Switzer Foundation and the McKnight Foundation, as well as in-kind partner contributions.
<table>
<thead>
<tr>
<th>Webinar #1</th>
<th>Improving the Information Pipeline: Working with Consultants During Natural Gas Pipeline Permitting Processes</th>
<th>Recording on ASWM.org Website</th>
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<tbody>
<tr>
<td>Webinar #2</td>
<td>Cumulative Adverse Effects of Pipeline Development on Wetlands and Other Aquatic Resources</td>
<td>Recording on ASWM.org Website</td>
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<td>Webinar #3</td>
<td>Horizontal Directional Drilling: Understanding Context when Reviewing Oil and Gas Pipeline Permit Applications</td>
<td>Recording on ASWM.org Website</td>
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<tr>
<td>Webinar #4</td>
<td>Pipeline Permitting 101: An Overview for State and Tribal Regulators</td>
<td>Nov 7, 2018 @3 pm EST</td>
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State and Tribal Pipeline Permitting
Barriers and Solutions

✓ Factsheet on barriers
✓ Matrix of barriers and solutions
✓ Policy Brief on Opportunities for Improvements to Overcome Common Barriers to Effective and Efficient Oil and Gas Pipeline Permitting for States and Tribes
State and Tribal Pipeline Permitting
Best Management Practices

Final BMP Development Guide
✓ What are BMPs?
✓ Developing a BMP Review Committee
✓ Document policy statement
✓ Tracking BMPs through review process
✓ Selecting BMPs for adoption
✓ Conducting in-depth review and adapting for state/tribal use
✓ Required v. suggested BMPs
✓ Considerations for developing written BMPs
✓ Common elements for inclusion in a BMP manual
✓ Examples of user-friendly BMP manuals
✓ Rolling-out new BMPs
✓ Developing a plan to review and revise BMPs periodically

Appendices with examples and links to BMPs from across different states
✓ Regulatory and Legal
✓ Administrative
✓ Pre-application Planning
✓ Construction
✓ Post-Construction
State and Tribal Pipeline Permitting Process Maps

✓ Final process maps: Missouri & Kentucky

✓ Example of own state map: Pennsylvania

✓ Webpage links to FERC process maps

✓ Do-it-yourself guide with transferable legend and template
State and Tribal Pipeline Permitting
Considering Cumulative Adverse Effects

✓ Final white paper:
  *The Cumulative Adverse Effects of Pipeline Development on Wetlands: Background and Assessment Process*

✓ Stand alone document on model

✓ Webinar delivered July 24th

✓ Published article in *Wetland News*

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**Table 1. Index of Cumulative Risk for Multiple Proposed Pipeline Projects**

<table>
<thead>
<tr>
<th>Project</th>
<th>Km of Pipeline</th>
<th>Cumulative Sum of Development</th>
<th>CAE Index</th>
<th>Cumulative Sum of Risk</th>
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State and Tribal Pipeline Permitting
Working with Consultants

Dialogue Document
Checklist and Questions to Ask
- Process maps
- BMPs
- CAE
- Language Docs

Webinar delivered
July 18th

Specialized links on web resource
Share Your Ideas and Links to Resources

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